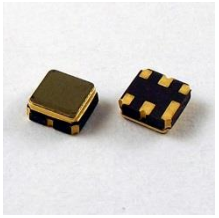
TF-9379-ND

RoHS Compliant

- Low-loss RF SAW filter
- High Rejection
- Single Ended operation at 50Ω without matching
- Ceramic package for Surface Mounted Technology (SMT)
- Lead-free production and RoHS compliant



Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	**UNIT**	**MINIMUM**	**TYPICAL**	**MAXIMUM**
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V_{DC}	-	-	6
Maximum ESD-HBM Voltage (for all pin)	V_{ESD}	-	-	150
Maximum Input Power Level (85°C)	dBm	-	-	15
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-
Length x Width	mm²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	**UNIT**	**MINIMUM**	**TYPICAL**	**MAXIMUM**
Center Frequency (Fo)	MHz	-	2650	-
Insertion Loss @ 2610.00 ~ 2690.00MHz	dB		2.2	3.0
Amplitude Variation @ 2610.00 ~ 2690.00MHz	dB		0.5	1.2
Group Delay Ripple @ 2610.00 ~ 2690.00MHz	nS		5	30
Absolute Attenuation:				
DC~ 2242.00 MHz	dBc	25	30	-
2242.00 ~ 2322.00 MHz	dBc	35		-
2322.00 ~ 2400.00 MHz	dBc	25	27	-
2400.00 ~ 2483.50 MHz	dBc	20	23	-
2483.50 ~ 2533.00 MHz	dBc	10	22	-
2533.00 ~ 2543.00 MHz	dBc	7		
2543.00 ~ 2568.00 MHz	dBc	5		
2737.00 ~ 3800.00 MHz	dBc	15		
3800.00 ~ 5176.00 MHz	dBc	13		
5176.00 ~ 5850.00 MHz	dBc	8		
5850.00 ~ 8500.00 MHz	dBc	3		
Passband Ripple 2610.00 ~ 2690.00 MHz (80M)	dB			1.5
Passband Ripple 2615.00 ~ 2655.00 MHz (40M)	dB			1
Passband Ripple 2635.00 ~ 2675.00 MHz (40M)	dB			1
Passband Ripple 2650.00 ~ 2690.00 MHz (40M)	dB			1
Input / Output VSWR @ 2610.00 ~ 2690.00MHz			1.5	2.0

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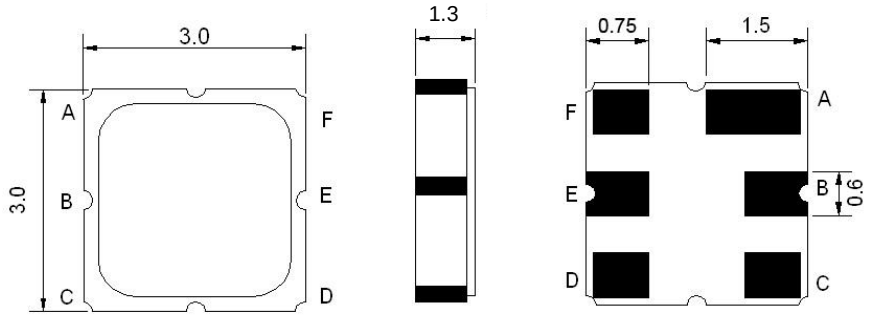
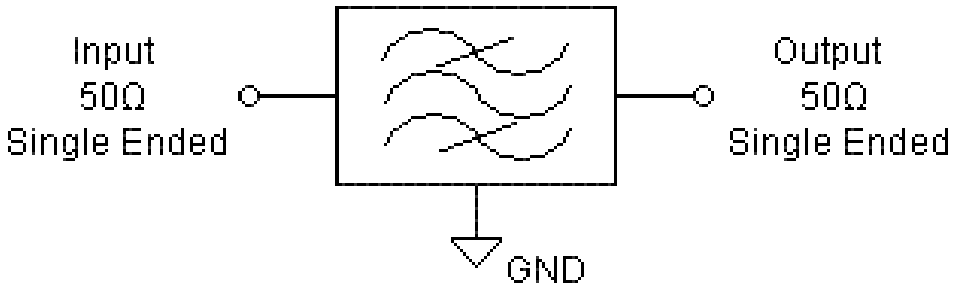
Package Dimensions



Pin Description	
B	Input
E	Output
A, C, D, F	Ground

Testing Environment



50Ω / 50Ω Configuration

Frequency Characteristics

Frequency Response